Docket No.: 42P17411

I THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Routhe Application of:

ALI-REZA ADL-TABATABAI, ET AL.

Application No.: 10/676,478

Filed: September 30, 2003

For: A Mechanism to Increase Data

Compression in a Cache

Art Group: 2186

Examiner: Krofcheck, Michael C.

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

In accordance with the duty of disclosure, enclosed is a copy of IDS Citation Form PTO/SB/08 or PTO-1449, together with copies of the documents cited on that form, except for copies not required to be submitted (e.g., copies of U.S. patents and U.S. published patent applications need not be enclosed). This IDS and IDS Citation Form are being submitted before the mailing of a final Office Action. It is respectfully requested that the cited references be considered and that the enclosed copy of PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

It is hereby stated that no item of information contained in the Information Disclosure Statement was cited in a patent office in a counterpart application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual associated with the filing or prosecution of the subject application more than three months prior to the filing of the Information Disclosure Statement.

The submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made in the subject application and is not to be construed as an admission that the information cited in this statement is material to patentability.

Please charge any fees due to Deposit Account 02-2666. A duplicate copy of the Fee Transmittal (PTO/SB/17) is enclosed for this purpose.

Respectfully submitted.

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Date: January 24, 2006

Mark Matson, Reg. No. 46,322

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I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Leah Schwenke

Date

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 | **of** | 2

Complete if Known		
Application Number	10/676,478	
Filing Date	September 30, 2003	
First Named Inventor	Ali-Reza Adl-Tabatabai	
Art Unit	2186	
Examiner Name	Krofcheck, Michael C.	
Attorney Docket Number	42P17411	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.1	Document Number Number - Kind Code² (if known)	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-2002/0091905	07-11-2002	Geiger et al.	
		US-2002/0116567	08-22-2002	Vondran, Jr.	
		US-2004/0255209	12-16-2004	Gross	
		US-5,206,939	04-27-1993	Yanai et al.	
		US-6,507,895	01-14-2003	Wang et al.	
		US-			-
		US-			

	FOREIGN PATENT DOCUMENTS					
Examiner Cite		Foreign Patent Document			Pages, Columns, Lines,	
	No.1	Country Code³ - Number⁴ - Kind Code³ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	T⁵
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Examiner	Date	
Signature	Consid	ered

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

'Applicant's unique citation designation number (optional). 'See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 'Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 'For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 'Applicant is to place a check mark here if English language Translation is attached.

Based on PTO/SB/08A (08-03) as modified by Blakely, Solokoff, Taylor & Zafman (wlr) 08/11/2003.



INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet 2 **of** 2

Complete if Known		
Application Number	10/676,478	
Filing Date	September 30, 2003	
First Named Inventor	Ali-Reza Adl-Tabatabai	
Art Unit	2186	
Examiner Name	Krofcheck, Michael C.	
Attorney Docket Number	42P17411	

	NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No.¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
		Nam Sung Kim, et al "Low-Energy Data Cache Using Sign Compression and Cache Line Bisection," ACM/IEEE 2nd Annual Workshop on Memory Performance Issues (WMPI 2002), May 2002.	
			-

Examiner	Date	
Signature	Consider	ed

^{*}Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

^{&#}x27;Applicant's unique citation designation number. *Applicant is to place a check mark here if English language Translation is attached.

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DEE TO ANOM	CEE TO A I CMITTAL		Complete if Known		
FEETRANSMITTAL FOR FY 2005 Patent fees are subject to annual revision.		Application Number	10/676,478		
		Filing Date	September 30, 2003		
		First Named Inventor	Ali-Reza Adl-Tabatabai		
Applicant claims small entity status.	See 37 CFR 1.27.		Examiner Name	Krofcheck, Michael C.	
			Art Unit	2186	
TOTAL AMOUNT OF PAYMENT	(\$)	0.00	Attorney Docket No.	42P17411	

Automet Docket No. 42P1/411				
METHOD OF PAYMENT (check all that apply)				
Check Credit card Money Order None Other (please identify):				
Deposit Account Deposit Account Number: 02-2666 Deposit Account Name: Blakely, Sokoloff, Taylor & Zafman LLP				
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply) Charge fee(s) indicated below Charge any additional fee(s) or underpayment of fee(s) under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.				
FEE CALCULATION				
1. EXTRA CLAIM FEES Extra Claims Fee from below Fee Paid Total Claims 29 29 29 = 0				
Fee Fee Fee Fee Fee Peechption 1202 50 2202 25 Claims in excess of 20 1201 200 2201 100 Independent claims in excess of 3 1203 360 2203 180 Multiple Dependent claims or to paid 1204 790 2204 395 "Reissue independent claims over original patent 1205 300 2205 150 "Reissue claims in excess of 20 and over original patent SUBTOTAL (1) (\$) 0.00 2. ADDITIONAL FEES Large Entity Small Entity				
Fee Fee Fee Fee				
Code (5) Code (5) Fee Description Fee Paid				
1051 130 2051 65 Surcharge - late filing fee or oath				
1052 50 2052 25 Surcharge - late provisional filing fee or cover sheet.				
2053 130 2053 130 Non-English specification				
1252 450 2252 225 Extension for reply within second month				
1253 1,020 2253 510 Extension for reply within third month				
1254 1,590 2254 795 Extension for reply within fourth month				
1255 2,160 2255 1,080 Extension for reply within fifth month				
1401 500 2401 250 Notice of Appeal 1402 500 2402 250 Filing a brief in support of an appeal				
1403 1,000 2403 500 Request for oral hearing				
1451 1,510 2451 1,510 Petition to institute a public use proceeding				
1460 130 2460 130 Petitions to the Commissioner				
1807 50 1807 50 Processing fee under 37 CFR 1.17(q)				
1806 180 1806 180 Submission of Information Disclosure Stmt 1809 790 1809 395 Filing a submission after final rejection (37 CFR § 1.129(a))				
1810 790 2810 395 For each additional invention to be examined (37 CFR § 1.129(b))				
Other fee (specify)				
SUBTOTAL (2)				

SUBMITTED BY

Name (Print/Type) Mark I Watson

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A6,322

Telephone (303) 740-1980

Date 01/24-/36

Based on PTO/SB/17 (12-04) as modified by Blakely, Sokoloff, Taylor & Zafman (wlr) 12/15/2004. SEND TO: Commissioner for Patents P.O. Box 1450, Alexandria, VA 22313-1450